

In the Claims:

Please amend claims 1,7,8 and 16-21 as follows:

1. (Currently Amended) A method for supporting program development, said method comprising:

analyzing XML data corresponding to a form screen, and specifying a business class to be coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business classes, which are classes before compilation and to be created, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, registering said item of the specified business class in said business class manager.

2. (Previously Presented) The method as set forth in claim 1, further comprising:

upon detecting that said item of the specified business class has not been registered in said business class manager, generating template source program data for the specified business class.

3. (Previously Presented) The method as set forth in claim 1, further comprising:

reading out an HTML file for said form screen, and generating XML data corresponding to said form screen according to a predetermined rule.

4. (Previously Presented) The method as set forth in claim 1, wherein said analyzing and specifying comprises specifying a pre-processing class, a post-processing class and a form processing class, so as to correspond to a start tag or an end tag of said XML data corresponding to said form screen.

5. (Previously Presented) The method as set forth in claim 3, further comprising:

generating said HTML file for said form screen in response to an instruction of a user.

6. (Previously Presented) The method as set forth in claim 1, further comprising:

specifying a form item storing object by a tag included in said XML data corresponding to said form screen;

referring to a form item storing object manager in which items of form item storing objects to be created are registered, and judging whether an item of the specified form item storing object has not been registered in said form item storing object manager; and

upon detecting that said item of the specified form item storing object has not been registered in said form item storing object manager, registering said item of the specified form item storing object into said form item storing object manager.

7. (Currently Amended) A method for supporting program development, said method comprising:

analyzing XML data corresponding to a form screen, and specifying a business class to be coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business classes, which are classes before compilation and to be created, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, generating template source program data for the specified business class.

8. (Currently Amended) An information processing method, comprising:

obtaining XML data including a tag corresponding to data inputted or selected for a form screen and said data inputted or selected for said form screen by a user who operated an apparatus that displayed said form screen, and specifying a business class, wherein said business class corresponds to said tag included in said

XML data and is an executable program for carrying out a processing relating to said tag;

executing the specified business class by using said data inputted or selected for said form screen by said user; and

outputting data including a processing result by said specified and executed business class to an said apparatus that displayed said form screen.

9. (Original) The information processing method as set forth in claim 8, wherein said obtaining and specifying comprises specifying a pre-processing class, a post-processing class, and a form processing class that correspond to a form of said form screen and a tag included in said XML data.

10. (Previously Presented) The information processing method as set forth in claim 8, further comprising:

outputting said data inputted or selected for said form screen to a form item storing object that is defined in advance and is loaded into a memory;

storing said data inputted or selected for said form screen into said memory by said form item storing object; and

performing a processing by exchanging data between the executed business class and said form item storing object.

11. (Previously Presented) The information processing method as set forth in claim 8, further comprising:

outputting data to an interclass interface object that is defined in advance and is loaded into said memory, by a first business class, in order to transfer said data from said first business class to said second business class; and

referring to said interclass interface object and receiving said data from said interclass interface object by said second business class.

12. (Original) The information processing method as set forth in claim 8, further comprising:

receiving data inputted or selected for said form screen from an apparatus that displayed said form screen, and generating said XML data including said data inputted or selected for said form screen and corresponding tags.

13. (Previously Presented) The information processing method as set forth in claim 8, wherein said outputting comprises:

upon detecting that an output request is received from the executed business class, generating output XML data based on said processing result by said specified and executed compiled business class; and

outputting said output XML data to said apparatus that displayed said form screen.

14. (Previously Presented) The information processing method as set forth in claim 8, further comprising:

upon detecting that the specified business class does not exist, generating and outputting error information.

15. (Previously Presented) The information processing method as set forth in claim 8, wherein each of the executed business classes is configured so as to complete a processing for the entire form relating to said form screen by a processing of the executed business classes without a program defining a processing sequence.

16. (Currently Amended) ~~A program embodied on a computer-readable medium, medium storing a program~~ for causing a computer to execute an information processing, said program comprising:

analyzing XML data corresponding to a form screen, and specifying a business class to be coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business classes, which are classes before compilation and to be created, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, registering said item of the specified business class in said business class manager.

17. (Currently Amended) A ~~program embodied on a computer-readable medium, medium storing a program~~ for causing a computer to execute an information processing, said program comprising:

analyzing XML data corresponding to a form screen, and specifying a business class to be coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

referring to a business class manager in which items of said business classes, which are classes before compilation and to be created, are registered, and judging whether an item of the specified business class has not been registered in said business class manager; and

upon detecting that said item of the specified business class has not been registered in said business class manager, generating template source program data for the specified business class.

18. (Currently Amended) A ~~program embodied on a computer-readable medium, medium storing a program~~ for causing a computer to execute an information processing, said program comprising:

obtaining XML data including a tag corresponding to data inputted or selected for a form screen and said data inputted or selected for said form screen by a

user who operated an apparatus that displayed said form screen, and specifying a business class, wherein said business class corresponds to said tag included in said XML data and is an executable program for carrying out a processing relating to said tag;

executing the specified business class by using said data inputted or selected for said form screen by said user; and

outputting data including a processing result by said specified and executed business class to ansaid apparatus that displayed said form screen.

19. (Currently Amended) An information processing apparatus, comprising:

an analyzer that analyses XML data corresponding to a form screen, and specifyingspecifies a business class to be coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

a business class storage unit storing items of said business classes, which are classes before compilation and to be created;

a checker that refers to asaid business class managerstorage unit in which items of said business classes, which are classes before compilation and to be created, are registered, and judges whether an item of the specified business class has not been registered in said business class managerstorage unit; and

a register that registers said item of the specified business class in said business class managerstorage unit, upon detecting that said item of the specified business class has not been registered in said business class managerstorage unit.

20. (Currently Amended) An information processing apparatus, comprising:

an analyzer that analyses XML data corresponding to a form screen, and specifying specifies a business class to be coded in an object-oriented programming language, said business class corresponding to a tag included in said XML data;

a business class storage unit storing items of said business classes, which are classes before compilation and to be created;

~~a checker that refers to a said business class manager storage unit in which items of said business classes, which are classes before compilation and to be created, are registered, and judges whether an item of the specified business class has not been registered in said business class manager storage unit; and~~

~~a generator that generates template source program data for the specified business class, upon detecting that said item of the specified business class has not been registered in said business class manager storage unit.~~

21. (Currently Amended) An information processing apparatus, comprising:

a storage device;

~~a first processor that obtains XML data including a tag corresponding to data inputted or selected for a form screen, obtains and stores in said storage device, said data inputted or selected for said form screen by a user who operated an apparatus that displayed said form screen, and specifies a business class, wherein said business~~

class corresponds to said tag included in said XML data and is an executable program for carrying out a processing relating to said tag;

    a second processor that executes the specified business class by using said data inputted or selected for said form screen by said user; and

    a third processor that outputs data including a processing result by said specified and executed business class to ~~an~~said apparatus that displayed said form screen.